

## **STCG Subcon Subgroup Meeting Minutes**

August 19, 1998

### **Introductions (Fred Serier)**

Dennis Faulk introduced Craig Cameron, a student at WSU who is working for EPA part time. Introductions were made around the room.

### **Review Minutes from Last Meeting (Facilitator)**

The facilitator reviewed the minutes from the last meeting. No changes were requested.

### **Endorsement of Science Needs (John April)**

Barbara Harper's concerns regarding the science needs process were addressed in offline meetings with Shirley Rawson, Fred Serier, John April, and Dave Biancosino. Shirley agreed to complete two actions by the end of the fiscal year:

1. Document the history of the science needs identification and justification (e.g., gap analysis, value of information).
2. Describe progress made relative to the science needs since the previous year (e.g., the NABIR Program).

John agreed to present the following Subgroup recommendations for the science needs statements at the September STCG Management Council meeting:

3. Provide a better explanation of the benefits of the knowledge to be obtained (i.e., the value of the information) and explain the costs of not knowing.
4. Distinguish between basic understanding and better data collection.
- 4b. Separate general needs and project-specific (one-of-a-kind) needs.
5. Tie our science needs to the SX Tank Farm Expert Panel report and the Groundwater/Vadose Zone National Laboratory Panels.
6. Clarify the demarcation between science, data, engineering, and technology needs.
- 6b. Clarify science needs to support specific technologies and general needs for Hanford Sitewide scientific understanding to achieve closure or a specific environmental quality.

Dennis Faulk stated that he doesn't like the current S&T needs process. We need to develop a better, more transparent process so the Subgroup can add value to the process and not just be a rubber stamp for DOE. The stakeholders should be involved in identifying and prioritizing the needs. The Subgroup should review the progress made since last year to determine if we still need to invest in each of the needs.

The science needs package developed by Shirley Rawson last year was endorsed by the Subgroup again for presentation to the Management Council and subsequent transmittal to the Subsurface Contaminants Focus Area. The package contains science needs for detection/distribution of contaminants, transport of contaminants, remediation, and monitoring of contaminants.

#### **Update on Technology Insertion Points (John April)**

Dennis Faulk and Dib Goswami provided suggestions and comments on the Technology Insertion Point sheets. The other Subgroup members were asked to provide comments to John for incorporation.

Dennis noted that CERCLA RODs never expire. They are reviewed every five years to assess progress and see if there are better technology options available yet.

Dennis expressed an EPA concern regarding the Hanford barrier. DOE plans to take out the monitoring and demobilize the barrier in FY99. EPA objects, and so do the Yakamas. They feel that EM-50 should fund this technology since it benefits the entire DOE Complex.

#### **Update on ASTD Proposal Status (John April)**

Both of the Subcon proposals are favored to be funded (especially ISRM), although there is no official word from EM-50 yet. John Murphy and Jerry White were at Savannah River the week of August 17 to check on the status of our proposals. John promised to send an e-mail message to the Subgroup if new information becomes available.

#### **Update on ITRD Progress (John April)**

Another meeting is scheduled for September 1-2 to continue the ITRD process. The goal is to finalize a list of 3-4 technologies for treatability studies. Barbara asked who decides which technologies "stay on the table" and what are the criteria for deciding this.

The ITRD Program is moving from EM-40 to EM-50 in FY99. Hanford is requesting another ITRD project to deal with the carbon tetrachloride plume in the 200 Area.

### **Other Announcements**

Dib mentioned that the principal investigators at Savannah River still want to come to Hanford to demonstrate their cone penetrometer sensor technologies for direct detection of DNAPLs. Fred took an action to follow up with them.

Dennis mentioned a Natural Attenuation Workshop in Seattle on December 2-3 sponsored by EPA and USGS. He promised to send an e-mail message to the Subgroup members with more details.

### **Attendees**

John April (BHI)  
Craig Cameron (EPA)  
Linda Fassbender (PNNL)  
Dennis Faulk (EPA)  
Dib Goswami (Ecology)  
Barbara Harper (Yakama Indian Nation)  
Fred Serier (DOE-RL/AME)  
John Stanfill (Nez Perce Tribe)

### **Next Meeting**

The next Subgroup meeting is scheduled for September 23, 1998 in Room 2A-01 of the Bechtel Building.